

MAVAYEV, A. A.; KISHINEVA, B. I.

1. Institut d'etudes de la biologie humaine, Academie des sciences de l'URSS, Institut de physiologie AN BSSR et Institut d'evolutionarye physiologie AN SSSR. Predstavleno akademikom N.N. Anichkovym.

(ULCERS)

PLETNIKOVA, E.I.

Vegetative elements in the suprasophageal ganglion in insects.
Zhur. evol. biokhim. i fiziol. 1 no.4:307-313 31-66 '65.
(MIRA 1848)

1. Laboratoriya evolyutsii i nornno-synthesnoy funktsii Instituta
evolyutsionoy fiziologii i biokhimii imeni N.M. Pashenova
AN SSSR, Leningrad.

PROBNIKOVA, S. M.

PROBNIKOVA, S. M. -- "The Effect of Interruptions in Muscular Activity on the Restorative Processes in the Muscles." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Chair of Physiology. Kiev, 1954. (Dissertation for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya letopis', No. 6, Moscow, 1956

МОНГОЛОВ, Р.Н. 1900. ПИЩЕВЫЕ ДИЕТЫ.

Материалы по диетологии и питанию человека. Третье издание. Ученые труды ЦИОЛАН. 1950. 104 стр.

1. Из кафедры лечебного питания (зав. - проф. Ф.К. Ман'аников)
Центрального института усовершенствования врачей.

(ANEMIA, ther.
diets (Rus))
(DIETS, in var. dis.
anemia (Rus))

PLOTNIKOVA, S.S.

Dietotherapy in anemia. Nauch. rab. asp. i klin. ord. no.6:143-149
'60. (MIRA 14:12)

1. Kafedra lechebnogo pitaniya (zav. prof. F.K.Men'shikov) Tsentral'nogo
instituta usovershenstvovaniya vrachey.
(ANEMIA) (DIET IN DISEASE)

ПЛОТНИКОВА, Т. М.

PLOTNIKOVA, T.M. (Kalinin, nab. Stepana Razina, d.37)

Perforation of adistally located duodenal ulcer. Vest.khir. 79
no.8:113 Ag '57. (MIRA 10:10)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. A.G.Karavanov)
Kalininskogo meditsinskogo instituta.

(PEPTIC ULCER, perforation

in case of distal location of ulcer)

офтальмология. 1966, № 1, с. 11-12.

Use of amblytino and dopan in ophthalmology. Vestn. oft. no. 0106-
66 '61. (MIRA 14:12)

1. Glaznaya klinika Moskovskogo oblastnogo nauchno-issledovatel'-
skogo klinicheskogo instituta (MONIKI) imeni I.F. Vladimirovskogo.
(OPHTHALMOLOGY) (DOPAN) (AMBLYTINE)

VITKIN, A.I., doktor tekhn.nauk; PLOTNIKOVA, T.P., inzh.

Characteristics of the process of electrolytic tin plating of
sheet steel in salt solutions. Sbor. trud. TSNIICHM no.28:
146-152 '62.

(Tin plating)

(MIRA 15:11)

PLOTNIKOVA, T.P., inzh.

Regeneration of a fused electrolyte and the recovery of tin from
wash waters. Sbor. trud. TSNIICHM no.34:20-21 '63. (MIRA 17:4)

VITKIN, A. I., doktor tekhn.nauk; PLOTNIKOVA, T.P., inzh.

Dissolution of sheet steel iron in the process of electrolytic
tin plating in fused salts. Sbor. trud. TSNIICHM no.28:159-
165 '62.

(MIRA 15:11)

(Tin plating) (Fused salts)

PLOTNIKOVA, T.P., inzh.; ANDREYEVA, G.G., inzh.

Quality of electrolytically tin plated sheet steel and its use
in the canning industry. Sbor. trud. TSNIICHM no.28:173-177
'62. (MIRA 15:11)
(Tin plate) (Canning industry)

VITKIN, A.I.; PLOTNIKOVA, T.P.

Electrolytic deposition from fused electrolytes of lustrous tin on sheet iron. Dokl. AN SSSR 120 no. 3:588-591 My '58. (MIRA 11:7)

1. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii. Predstavleno akademikom I.P.Bardinyam.
(Tin plate)

AUTHORS: VITKIN, A. I.; PLOTNIKOVA, T. P. SOV/20-12003-42/67

TITLE: Electrolytic Deposition of Glossy Tin Precipitates on Sheet Iron (Elektrolitovaya rasplava i zhestkiye osadki (blistnyashchikh osadkov clova na zhesti iz elektrolitov-rasplavov))
APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001341320013-3"

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 3, pp.588-591 (USSR)

ABSTRACT: An old dream of researchers is represented by the production of specular coatings by immediate electrolysis without additional melting of the tin deposit. By this, an expensive, complicated process could be avoided, which leads to the production of products below standard. The attempts using additions to the electrolyte solutions hitherto have not passed beyond the laboratory stage. The specular lustre of the coatings is not the only criterion of the quality of the coatings. The corrosion resistivity is, after all, the decisive factor. The authors investigated the electrochemical processes causing the deposition of tin on sheet iron in the systems Sn (salt melt) - Fe. They consisted of a liquid electrode - tin, a solid electrode - iron, (sheet) as well

Ministry of Heavy Industry, Moscow, U.S.S.R. (1958)

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... of the ...
... of the ...

ASSOCIATION: Tsentralnyy nauchno-issledovatel'skiy institut Chernoy metallurgii
(Central Scientific Research Institute of Ferrous Metallurgy)

PRESENTED: January 15, 1958, by I. P. Bardin, Member, Academy of Sciences, USSR

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001341320013-3"

Card 3/4

Electrolytic Deposition of Glossy Tin Precipitates on Sheet Iron From
Electrolyte Melts

SOV/20-120-3-42/67

SUBMITTED: October 30, 1957

1. Tin--Electrodeposition 2. Electrolytes--Proportion

I.I. Vitkin, T.P. Plotnikova, G.A. Kokorin

VITKIN, A.I.; PLOTNIKOVA, T.P.; KOKORIN, G.A.

A study of the structure and phase composition of coatings in the
tinning of sheet iron. Dokl. AN SSSR 119 no.2:268-270 Mr '58.

(MIRA 11:5)

1. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii
Predstavleno akademikom I.P. Bardinym.
(Tinning)

20-119-2-21/60

AUTHORS: Vitkin, A. I., Plotnikova, T. P., Kokorin, G. A.

TITLE: Investigation of the Structure and Phase Composition of Coatings in the Hot-Tinning of Sheet Iron (Izucheniye struktury i fazovogo sostava pokrytiya pri goryachem luzhenii zhesti)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol 119, Nr 2, pp 268 - 270 (USSR)

ABSTRACT: The first stage of the here discussed investigations concerns the pattern of the basis of tin-plate. For this purpose the various samples of industrial sheet and band iron were declassified. On the samples of the basis of sheet iron the etching marks are very much marked. The certain order according to which the etchings are arranged at the boundary of a ferrite grain in each individual. The etching marks of the above mentioned pattern were the pattern of the dark spots have many points. First the authors discussed the abstract graphic method used for these investigations. Etched plate.

Card 1/4

the basis was separated in a chloride solution of SnCl_2 .

In all cases the surface layer of the steel sample situated below the separated basis still contained small amounts of radioactive tin. The electronographic analysis of the surface showed a cubic volume-centered lattice with faded diffraction lines. Some conclusions of these investigations are: the interlayer on the hot-tinned sheet consists of dark and light sections consisting of the same structural phase. They differ, however, by the density of the packing and by the formation of FeSn_2 crystals. The dark sections are obviously the main centers for the porosity of the coating. By means of the here used electronographic method of investigation the existence of at least 2 structural phases of the basis was found. However, the existence of other phases richer in iron cannot be assumed. The electronographs taken here speak in favor of the fact that the main mass of the

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20-119-2-21/60

Investigation of the Structure and Phase Composition of Coatings in the
Hot-Tinning of Sheet Iron

basis (FeSn_2) crystallizes in the tetragonal crystal system.
There are 4 figures, 1 table and 13 references, 3 of which
are Soviet.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut chernoy
metallurgii (Central Scientific Research Institute for Fer-
rous Metallurgy)

PRESENTED: August 8, 1957, by I. P. Bardin, Member, Academy of
Sciences, USSR

RECEIVED: August 8, 1957

Card 4/4

GUZENKO, T.G. [Huzenko, T.H.], kand. arkhitektury; LARKINA, O.M., arkh.; RODICHKIN, O.M. [Rodychkin, O.M.], kand. arkh.; SALATICH, A.K. [Salatyeh, A.K.], kand. arkh.; SVIDERSKIY, V.M. [Sviders'kyi, V.M.], kand. arkh.; SEVERIN, S.I., arkh.; RUBTSOV, L.I., doktor biol. nauk, prof.; PLOTNIKOVA, T.V., kand. biol. nauk; KATONINA, Ye.I., doktor arkh., prof., red.; ZASLAVSKAYA, T.M. [Zaslavs'ka, T.M.], red.; KIYANICHENKO, N.S. [Kyianychenko, N.S.], red.; USHCENKO, N.S., red.; ZELENKOVA, Ye.Yu., tekhn. red.; BABIL'CHANOVA, G.O. [Babil'chanova, H.O.], tekhn. red.

[Flowers in city landscaping] Kvitkove oformlennia mist'; al'bom. Kyiv, Derzhbudvydav URSR, 1962. 158 p. (MIRA 17:1)

1. Akademiya budivnytstva i arkhitektury URSR. Instytut mistobudivnytstva. 2. Sotrudnik sadovo-parkovogo khozyaystva No.3 goroda ~~Kiyeva~~ (for Plotnikova), 3. Zaveduyushchiy dendrologichnym otdelom Tsentral'nogo respublikanskogo botanicheskogo sada AN Ukr.SSR (for Rubtsov).

CONFIDENTIAL - SECURITY INFORMATION

History of the CIA and its activities in the area of
Part 2. Background information on the CIA. (S) (U)

(Milkweed)

CA

Autometamorphism in lamprophyres. T. V. Plotnikova. Zapiski Vsesoyuznogo Mineral. Obshchestva (Mém. soc. russe minéral.) 76, 182-4 (1947).—In the Au-bearing intrusives of the Stepnyak District (S. Kazakhstan), lamprophyric dykes frequently intersect the granitoids, often in km. lengths, and some m. wide. They contain a rose-colored feldspar, and a black amphibole, sometimes with a brecciated structure. The thin-section study of the rocks shows that the green primary hornblende is more or less completely changed to chlorite, leaving typical relics. A newly crystal. secondary hornblende of acicular habit, and brownish green color is intergrown with the chlorite. The coarse plagioclase is zonal, with epidote in the central, albite in the peripheral parts, and quartz in the outermost. The autometamorphism is indicated by the change of the amphibole to chlorite, the presence of secondary hornblende, the presence of epidote, quartz, and albite in the peripheral parts of the plagioclase, and the presence of saussurite and sericite. The autometamorphism is accompanied by a leucostation of the partially cooled rock; (4) crystals of brownish amphibole in the chlorite, and (rare) monoclinic pyroxene; (5) subsequent reactions of the cooling rock are indicated by an epitaxiation, chiefly of the plagioclase (with saussurite and sericite), and a decompn. of the K feldspar. . . . W. Eitel

CA

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Some evidences of the action of granite magma on foreign rock and minerals. T. V. Plotnikova. *Zapiski Vserusskogo Mineral. Obshchestva* (Mém. soc. russe minéral.) 75, 105-12(1940); *Chem. Zentr.* (Russian Zone Ed.) 1948, I, 435. - Hybridization phenomena in granosyenite-porphry are described. The xenocrysts can be distinguished from these phenocrysts by the absence of crystallographic faces. Xenocrysts of microcline have been resorbed by the groundmass. The numerous grains of magnetite appear in chain form. By assimilation of

porphyrites the porphyry is enriched in andesine and hornblende. The groundmass also contains plagioclase and biotite.

M. G. Moser

"Isolation of Purified Polysaccharide Antigen from Cultures of Anthrax"

Trudy Nauchno-kontrol'nogo Instituta Veterinarnykh Preparatove, Moscow,
Vol 3, 1952 pp 167-169

W-27086, 25 Jul 53

PLOTNIKOVA, V. A. and E. K. Volik

" The Depth Method of Cultivating Bacterial Cultures for Obtaining Biological Preparations "

Trudy Nauchno-kontrol'nogo Instituta Veterinarnykh Preparatov, Moscow, Vol. 1,
1957, pp. 101-104.

Plotnikova, V.A.

USSR .

✓ Nitrogen and carbohydrate metabolism of paratyphoid organisms in deep substrate culture. V. A. Plotnikova. *Trudy Vsesoyuzn. Nauch.-Kontol. Inst. Mikrobiol. (Moscow)* 4, 66-8(1954).--The N and carbohydrate metabolic processes of *S. paratyphi* cultured by the usual non-aerated and the deep culture methods were studied in the lab. in micro-scale and in 300-l. vats under industrial conditions. Various types of media were used. Tests in mg. % were made for total, residual, amino, ammonium, protein, and bacterial N and for cell density, at the start of each exp. and in the culture filtrate after 24 hrs. of incubation. Total and residual N in the culture medium are reduced; bacterial N is increased; the protein and amino N remain practically unchanged; ammonium N in the original medium and in the filtrate following 24 hrs. of incubation varied, being generally lower in the large-scale industrial tests; the amino N also varied, but the av. values in lab. and industrial tests were the same. Ammonium and amino N are metabolized only during the 1st stage of growth of the bacteria. In later stages bacterial proteolytic activity splits the polypeptides and peptides and the proteins of dead bacteria to amino acids and NH₃, nearly replacing such quantities of these culture ingredients as may be consumed by the bacteria in the 1st

1/2

(correct)

PLOTNIKOVA, V. A.

The nature of crystals forming in bioproducts. M. A. Babich and V. A. Plotnikova. *Zhur. Mikrobiol., Epidemiol. Immunobiol.* 12:--Crystals settling out of a tubercula sample which rendered it ineffective were identified as $MgNH_4PO_4 \cdot 6H_2O$. Mg and P are derived from the glycerol-peptone bouillon in which tuberculin is prepared. NH_4 is formed when the culture is exposed at 37-38°, the latter temp. favoring the growth of NH_4 -yielding bacteria. NH_4 was added to sterile glycerol-peptone bouillon and several days later there was obtained a deposit of $MgNH_4PO_4 \cdot 6H_2O$. Similar crystals were found in a sample of streptococcal filtrate. They were found to contain the NH_4 form of tuberculin. A. Kirilov

tuberculosis.

Orig Pub : Tr. Gos. nauchno-kontroln. in-ta po vetpreparatam, 1956, 6, 173-180.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001341320013-3"

Abstract : Formulae are given for nutrient media with potato extracts and ammonium oxalate for cultivation of strains producing tuberculosis used in manufacture of different biological preparations, particularly tuberculin. The media suggested are advantageously economical.

USSR / Microbiology. General Problems. Method and F-1
Technique of Investigation.

Abstr. Journ. Gen. Microbiol., 1960, No. 17, 70300.

Abstract: No abstract.

Card 1/1

PLOTNIKOVA, V.A.; VAYNBERG, Ye.G.; ROZENTUL, P.M.

Etiological structure of intestinal diseases in infants in Kishinev.
Lab. delo [7] no.4:60-61 Ap '61. (MIRA 14:3)

1. Respublikanskaya sanitarno-epidemiologicheskaya stantsiya Moldavskoy
SSR (glavnyy vrach A.A.Kovalev).
(KISHINEV—INTESTINES—DISEASES)

VAYNBERG, Ye.G.; PLOTNIKOVA, V.A.; ROZENTUL, P.M.

Results of mass laboratory investigations into the transmission
of diphtheria in leading in mass distribution of diphtheria. (In Russian)

1. The results of mass laboratory investigations into the transmission
of diphtheria in leading in mass distribution of diphtheria. (In Russian)

PLOTNIKOV, V.G.

Theoretical study of the spectral behavior of ketones,
acids, and esters. Izv. vys. ucheb. zav.; fiz. 8 no.4:
105-107 '65. (MIRA 18:12)

1. Sibirskiy fiziko-tehnicheskoy institut imeni V.D.
Kuznetsova. Submitted January 28, 1964.

PLOTNIKOVA, V. F.

Distr: 1826 15 15
 Carbonic equilibrium system (dolomite, magnesite).
 V. Y. Kozlov, M. M. Likhovitskiy and V. F. Plotnikova
 Trudy Inst. Geol. Nauk, Akad. Nauk S.S.S.R. No. 122,
 1967, p. 10-14.

Because of high metastability of the system, the
 establishment of equilibrium, 2 months to a yr. had to be allowed
 for the system. The main effect was the establishment of conditions

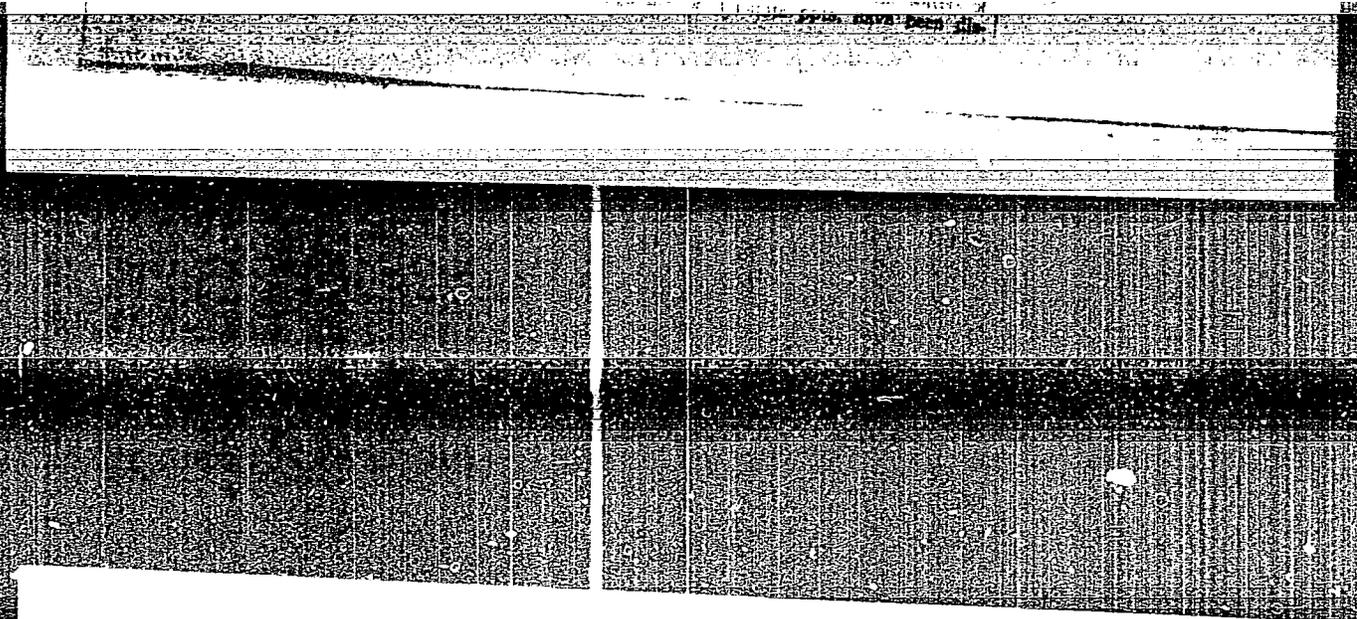
The number of days required to reach equilibrium was reached in 10-15 days and

of brucite and artinite. The presence of basic Mg carbonates
 not take into account the presence of basic Mg carbonates
 in the system of dolomite, magnesite and neohydroxide.

stable and artinite starts to ppt. at $p_{CO_2} = 10^{-4}$ atm. The
 partial pressure of CO_2 above these equilibrium solids is $1/10$ of its
 pressure in the atmosphere. This is the formation of brucite

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001341320013-3



APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001341320013-3"

POSTNIKOV, N.H.; FRENKEL', M.G.; YEVZLINA, B.B.; SMIRNOV, A.I.; PLOTNIKOVA,
V.I.

Composition and properties of defluorinated phosphates. Zhur.
prikl. khim. 31 no.10:1453-1460 O '58. (MIRA 12:1)
(Phosphates)

Plotnikova, V.I.

KAZAKOV, A.V.; TIKHOMIROVA, M.M.; PLOTNIKOVA, V.I.

The FeO--CO₂--H₂O system and conclusions drawn from the paragenesis of siderites and phosphorites. Trudy Inst. geol. nauk no.152:59-71 '57.

(MLRA 10:9)

(Siderite) (Phosphorites)

BOBROVA, T.N.; ZOLOTAREV, I.S.; PLOTNIKOVA, V.V.; GERSHGORN, B.P.

Method of manufacturing crucibles from the TSM-332 ceramic material
mixture and their use for chemical analysis. Porosh.met. 4
no.4:101-103 JI-Ag '64. (MIRA 18:8)

1. Moskovskiy kombinat tverdykh splavov.

ACCESSION NR: AP4044917

S/0226/64/000/004/0101/0103

ABSTRACT: The porcelain crucibles recommended for sintering boron carbides, borides and double borides may be used only 2-3 times. The authors recommend replacement of these crucibles by those made of TsM-332 alloy (99.35% Al₂O₃, 0.6% MgO, 0.05% Fe₂O₃), which are practically indestructible. The paper describes the method of hot pressure casting, and the results of chemical stability tests.

TOPIC TAGS: crucible, sintered alloy crucible, inorganic analysis, alumina, aluminum magnesium alloy, sintered aluminum alloy, hot pressure casting, cast alloy / alloy TsM-332

ABSTRACT: The porcelain crucibles recommended for sintering boron carbides, borides and double borides may be used only 2-3 times. The authors recommend replacement of these crucibles by those made of TsM-332 alloy (99.35% Al₂O₃, 0.6% MgO, 0.05% Fe₂O₃), which are practically indestructible. The paper describes the method of hot pressure casting, and the results of chemical stability tests. First, the alumina was calcined at 1450C for 2 hours, after which it was pulverized. The iron content in the alumina was thus reduced to 0.05%. The dross for crucible casting consisted of 100 parts TsM-332, 14 parts technical paraffin, 10 parts wax with a density of 0.96-0.97 g/cc and a melting point of 61-64C, and 0.8 parts oleic acid. The dross was prepared at 90C and poured into the casting de-

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ACCESSION NR: AP4044917

vice after being passed through a vacuum to remove air bubbles. The die was filled under a pressure of 2.5-3.0 atm, at 80C for 30 seconds. The crucible shrinkage was 1.22-1.23, porosity not exceeding 1.2% and the density was not higher than 3.88 g/c. When the crucibles were tested with various acids and alkalies, the loss of weight was insignificant. These crucibles are presently being used for sintering boron carbides. Orig. art. has: 1 figure and 3 tables.

ASSOCIATION: Moskovskiy kombinat tverdy*kh splavov (Moscow Hard Alloy Factory)

SUBMITTED: 26Sep63

ENCL: 00

SUB CODE: IC, MM

NO REF SOV: 003

OTHER: 001

Card 2/4

PLOTNIKOVA, Ye.

Talks about art; graphic arts. Sov.shakht. 10 no.7:43-44
Jl '61. (MIRA 14:8)

1. Gosudarstvennaya Tret'yakovskaya galereya.
(Drawing)

РЕЗЮМЕ 31 Radiobiologiya, v. 3, no. 3, 1962, 461-464

TEXT: Gonads of male guinea-pigs were irradiated locally with doses of 300, 450 and 750 r at dose rates of 36 to 40 r/min. After irradiation the males were placed together with non irradiated females. The latter were killed after 40 days of pregnancy and the corpora lutea, sites of implantation and embryos were counted. It was established by this method that in guinea pigs the death of embryos took place after their implantation and the LD₅₀ for embryos of the guinea pigs was 727 ± 108 r. At this dose lethal genes appeared in 50% of the spermatozooids. Relying on data of previous works in which the LD₅₀ was much lower for embryos of mice, rats and rabbits the author concludes that guinea pigs are genetically more resistant to radiation than the latter animals.

ASSOCIATION: Institut biologicheskoy fiziki, AN SSSR, Akademiya Meditsinskikh nauk SSSR (Institute of Biophysics AS USSR, Academy of Medical Sciences of the USSR) Moscow

SUBMITTED: February 7, 1962

Card 1/1

SHAPIRO, N.I.; STRASHENKO, S.I.; PLOTNIKOVA, Ye.D.; SUSLIKOV, V.I.

Comparative estimation of the damaging effect of ionizing radiation on heredity in mice and drosophilae. Zhur.ob.biol. 21 no.2:104-112 Mr-Apr '60. (MIRA 13:6)

1. U.S.S.R. Academy of Medical Sciences and Institute of Biological Physics, U.S.S.R. Academy of Sciences.
(X RAYS--PHYSIOLOGICAL EFFECT) (HEREDITY)

SHAPIRO, N.I.; PLOTNIKOVA, Ye.D.; STRASHNENKO, S.I.; SUSLIKOV, V.I.

Relative genetic radiosensitivity in different mammal species.
Radiobiologia 1 no.1:93-103 '61. (MIRA 14:7)

1. Akademiya meditsinskikh nauk SSSR i Institut biologicheskoy fiziki
AN SSSR, Moskva.
(X RAYS—PHYSIOLOGICAL EFFECT)

L 17053-63
AR/K

EWT(m)/BDS/ES(j) AFFTO/ASD/AFWL

S/205/69/003/002/021/024

AUTHORS: Plotnikova, Ye. D., and Strashnenko, S. I. 56

TITLE: Relative genetic effectiveness of 500 Mev protons and 180 Kv X-rays

PERIODICAL: Radiobiologiya, v. 3, no. 2, 1963, 286-290 19

TEXT: For quantitative evaluation of the radiation danger in space flights it is necessary to study the effect of various components of cosmic radiation on different biological systems. Genetics studies in this plane are extremely important since the nature of action of ionizing radiation on heredity differs greatly from normal somatic effects. In the case of small dose irradiation of the organism as a whole the restoration process leads rapidly to liquidation of after-effects. The genetic effect, differing from somatic effect, has a stable nature as a result of this the authors conducted studies of relative genetic effectiveness of 500 Mev protons and 180 Kv x-rays. The relative genetic effect of protons and x-rays was determined from the frequency of occurrence of dominant lethal characteristics in rat spermatozooids. This turns out to be 0.6-0.7.

SUBMITTED: May 7, 1962

Card 1/1

PLCTNIKOVA, Ye.D.; SHAPIRO, N.I.

Radiosensitivity of the nuclear apparatus of the bone marrow
in various mammalian species as related to their general radio-
sensitivity. Genetika no. 6:67-72 D '65 (MIRA 19:1)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

PLOTNIKOVA, Ye. D.; STRASHNENKO, S. I.; SHAPIRO, N. I.

Genetic radiosensitivity of guinea pigs. Radiobiologia 2 no.3:
481-484 '62. (MIRA 15:7)

1. Institut biologicheskoy fiziki AN SSSR i Akademiya meditsinskikh
nauk SSSR, Moskva.

(RADIATION--PHYSIOLOGICAL EFFECT) (GENETICS)

PLOTNIKOVA, Ye.D.; STRASHNENKO, S.I.

Relative genetic effectiveness of 500 Mev protons and 180 kv
X-rays. Radiobiologia 3 no.2:286-290 '63 (MIRA 17:i)

42684

S/747/62/000/000/005/025
D268/D307

271220

AUTHORS: Shapiro, N. I., Plotnikova, Ye. D., Strashnenko, S. I.
and Suslikov, V. I.

TITLE: Comparative genetic radiosensitivity in different species
of mammals

SOURCE: Radiatsionnaya genetika; sbornik rabot. Otd. biol. nauk
AN SSSR. Moscow, Izd-vo AN SSSR, 1962, 63-78

TEXT: To provide data on the rate of induced mutations, with dominant lethals taken as the indicators of genetic changes, the gonads in 2 1/2 - 4 month-old male mice were irradiated with x rays at 134, 268, 402 and 670 r, those in rats at the same dose and 804 r, and those in 5 - 8 month-old chinchilla rabbits at 150, 300, 450, 600 and 750 r. The mice and rats were subsequently mated with females of their own age, being kept together for 3 days, and the females were slaughtered on the 14 - 16th day of pregnancy. After mating, the female rabbits were slaughtered on the 20th day of pregnancy. In all 3 species the numbers of yellow bodies, implantation sites

Card 1/2

Comparative genetic radiosensitivity... S/747/62/000/000/005/025
D268/D307

and embryos were assessed to establish the number of embryos killed and the stage at which this occurred. Since the embryos derived from crosses in the 3 days following irradiation of the males, the killing of the embryos was due to dominant lethals developed in the spermatozoids of the irradiated animals. The data on the rate of development of dominant lethals in the spermatozoids of the species studied showed genetic radiosensitivity to be highest in rabbits and lowest in mice. It was established that in most cases the dominant lethals induced in rabbits killed the embryos before implantation of the testis, whereas in most cases in mice and rats they were killed subsequently. There are 4 figures and 5 tables. X

ASSOCIATION: Akademiya meditsinskikh nauk SSSR (Academy of Medical Sciences USSR) and Institut biologicheskoy fiziki AN SSSR, Moskva (Institute of Biological Physics, AS USSR, Moscow)

Card 2/2

12685

S/747/62/000/000/006/025
D268/D307

271220

AUTHORS: Shapiro, N. I., Strashnenko, S. I., Plotnikova, Ye. D.
and Suslikov, V. I.

TITLE: A comparative assessment of the injurious effect of ionizing radiation on heredity in mouse and Drosophila

SOURCE: Radiatsionnaya genetika; sbornik rabot. Otd. biol. nauk AN SSSR. Moscow, Izd-vo AN SSSR, 1962, 79-90

TEXT: The rate of the formation of dominant lethals was used as an indicator of the effect of radiation. Gonads in 2 1/2 - 4 month-old male mice were irradiated with x rays at 134, 268, 402 and 670 r, followed by mating with 2 females for 3 days. On the 14-16th day of pregnancy these were opened and the number of yellow bodies, implantation sites and embryos assessed. Embryos killed both before and after implantation were determined, due to dominant lethals in the spermatozoids of the irradiated males. Similar data for maximum and minimum radiosensitivity in different lines of Drosophila melanogaster were used from previous studies by N. I. Shapiro et

Card 1/2

A comparative assessment ...

U.S.S.R. 62,000,000,000,000,000
0,000,000

11. (Dokl. AN SSSR, 1977, 28, no. 8, 1785-1788). Comparison of the rates of the formation of dominant lethals in mice and D. melanogaster by 3 methods which are described showed that: 1) mice were an average of 5 - 7 times; 2) an average of 6 - 8 times; and 3) an average of 6 - 9 times more radioactive. It is therefore concluded that mice are 5 - 9 more radiosensitive than D. melanogaster. The rate of the formation of dominant lethals in both subjects was proportional to the total chromosome measurements, that in mice being 9 times higher. There are 2 figures and 5 tables. *

ASSOCIATION: Akademiya meditsinskikh nauk SSSR (Academy of Medical Sciences USSR) and Institut biologicheskoy fiziki AN SSSR, Moskva (Institute of Biological Physics AS USSR, Moscow)

Card 2/2

KISAROV, V.M.; Primali uchastiye: PLOTNIKOVA, Ye.I.; KORMOVA, Ye.M.

Solubility of chlorobenzene in water. Zhur.prikl.khim. 35
no.10:2347-2349 0 '62. (MIRA 15:12)
(Benzene) (Solubility)

BUCHIN, P.I.; ZININ-BERMES, N.N.; PROTSENKO, O.A.; PLOTNIKOVA, Ye.K.;
TOCHILKINA, A.M.

Characteristics of salmonellas isolated in the territory of
the Kuznetsk Basin. Zhur. mikrobiol., epid. i immun. 40
no.6:121-122 Je '63. (MIRA 17:6)

1. Iz Kemerovskogo meditsinskogo instituta Kemerovskoy oblastnoy
sanitarno-epidemiologicheskoy stantsii i Kemerovskoy infektsionnoy
bol'nitsy.

PLOTNIKOVA, YE. K. and VYSOKOVSKAYA, A. P.

"On the Detection of Dysentery Bacteria in Dysentery Foci. (Laborator-
noye Delo, No. 2, March-April 56, pp. 60-62) (U)" a report given at an interoblast
scientific-practical conference on problems of laboratory diagnosis of infectious
diseases which was held at the Tomsk Scientific Research Institute of Vaccines and
Sera, 12-16 March 1956.

SUM: 1360 p. 238

NAUMOV, P. V., dotsent; PLOTNIKOVA, Ye. N., assistant

Treatment of unilateral microgenia. Trudy KGMi no.2:107-112
'60. (MIRA 15:7)

1. Iz kafedry khirurgicheskoy stomatologii - zav. kafedroy
dotsent P. V. Naumov i ortopedicheskoy stomatologii - zav.
kafedroy dotsent M. A. Solomonov.

(JAWS--ABNORMITIES AND DEFORMITIES)

PLOTNIKOVA, Ye.N., Cand Med Sci -- (diss) "Clinic and therapy of *monocly*
of *occlusion* of the second group." Len, 1959, 10 pp (First
Len Med Inst im Academician I.P. Pavlov) 200 copies (KL, 3h-59, 118)

PLOTNIKOVA, Ye. N., assistant; MASLENKINA, A. M., vrach

Functional characteristics of anomalies of the maxillo-dental system according to data from physiologic masticatory tests and mastication graphs. Trudy KGMi no.2:215-220 '60.

(MIRA 15:7)

1. Iz kafedry ortopedicheskoy stomatologii - zav. kafedroy dotsent M. A. Solomonov.

(MASTICATION)

MUSTAFAYEV, E. [deceased]; MALKIN, A.Ya.; PLOTNIKOVA, Ye.P.; VINOGRADOV, G.V.

Rheological properties of polyisobutylene. Vysokom.soed. 6 no.8:1515-
1521 Ag '64. (MIRA 17:10)

1. Institut neftekhimicheskogo sinteza AN SSSR, laboratoriya reologii
polimerov.

ACCESSION NR: AP4019982

S/0020/64/154/006/1421/1424

AUTHOR: Vinogradov, G. V.; Malkin, A. Ya.; Plotnikova, Ye. P.; Kargin, V. A. (Academician)

TITLE: Thixotropy of polymers in viscous flow

SOURCE: AN SSSR. Doklady*, v. 154, no. 6, 1964, 1421-1424

TOPIC TAGS: polymer thixotropy, polyisobutylene, thixotropy, shear strength, polymer structure recovery, relaxation, structure recovery kinetics, polyisobutylene P-20

ABSTRACT: Investigations were conducted with polyisobutylene P-20 (molecular weight 20,000 - Staudinger; 100,000 - Flory) to determine the existence of thixotropy in polymers and to show that reversible changes in their structures occur on reaching the shear strength prior to steady-state flow. The present work confirmed that deformation of polyisobutylene can be accompanied by thixotropic breakdown of its supramolecular structures which occurs on reaching the shear strength. The rate of structure recovery is much lower than the rate of decrease of stresses during relaxation. Orig. art. has: 4 figures.

Card 1/2

VINOGRADOV, G.V.; MALKIN, A.Ya.; PLOTNIKOVA, Ye.P.; KARGIN, V.A., akademik

Thixotropy of polymers in the state of viscoplastic flow. Dokl. AN SSSR
154 no.6:1421-1424 F '64. (MIRA 17:2)

1. Laboratoriya reologii polimerov Instituta neftekhimicheskogo sinteza
AN SSSR.

VITYUGIN, V.M.; PLOTNIKOVA, Ye.S.

Deashing of concentrates of sulfite-distiller's grain. Izv. TPI
126:102-105 '64. (MIRA 18:7)

PLOTNIKOVA, Ye.Ye.

~~Chimetric~~ study of neuroses under different clinical conditions
[with summary in French]. Zhur.nevr. i psikh. 85 no.11:1293-1297
N'58 (MIRA 12:1)

1. Leningradskiy nauchno-issledovatel'skiy psikhonevrologicheskiy
institut imeni V.M. Bekhtereva (dir. - prof. V.N. Myasishchev).

(NEUROSES, blood

oxygen levels, determ. & relation to emotional
tension (Rus))

(HEMOGLOBIN,

oxyhemoglobin levels in neuroses in relation to
emotional tension (Rus))

(OXYGEN, in blood

in neuroses, determ. & relation to emotional tension(Rus))

PLOTNIKOVA, Ye.Ye.

The role of personality traits and their relationships in the
development of neurasthenia. Uch.zap.Len.un. no.214:129-136
'56. (MLRA 10:3)
(Personality) (Neurasthenia)

ПЛОТНИКОВА, Ю. И.

SHTENBERG, A.I.; ПЛОТНИКОВА, Ю.И. (Sverdlovsk)

Methods for studying the nutrition of the population [with
summary in English]. Vopr.pit. 17 no.1:64-67 Ja-F '58. (MIRA 11:4)

1. Iz kafedry gigiyeny (zav. - prof. A.I.Shtenberg) Sverdlovskogo
gosudarstvennogo meditsinskogo instituta.

(NUTRITION,

investigation of nutritional state of population (Rus))

SHTENBERG, A.I.; PLOTNIKOVA, Yu.I.; YEREMIN, Yu.N.

Role of nutrition in the development of endemic goiter.
Zhur.ob.biol. 20 no.2:68-76 Mr-Apr '59. (MIRA 12:5)

1. Iz kafedry gigiyeny pitaniya (zav. - prof. A.I.Shtenberg)
Sverdlovskogo gosudarstvennogo meditsinskogo instituta.

(NUTRITION,

in goiter endemicity, review (Rus))

(GOITER,

endemicity, nutritional factors, review (Rus))

PLOTNIKOVA, Yu.I. (Sverdlovsk)

Iodine content of food products and the quality of nutrition
in certain areas of endemic goiter in Sverdlovsk Province.
Probl.endok. i gorm. 5 no.3:74-79 My-Je '59. (MIRA 12:9)

1. Iz kafedry gigiyeny pitaniya (zav. - prof.A.I.Shtenberg)
Sverdlovskogo gosudarstvennogo meditsinskogo institute (dir. -
prof.A.F.Zverev).

(IODINE, determ.

in food products in endemic goiter area in
Russia (Rus))

(GOITER, epidemiol.

in Russia, relation to iodine content &
quality of food (Rus))

PLOTNIKOVA, Yu. I., Candidate Med Sci (diss) -- "The effect of protein in the diet on the development of goiter". Sverdlovsk, 1959. 20 pp (Sverdlovsk State Med Inst), 200 copies (KL, No 22, 1959, 122)

PLOTNIKOVA, Yu.I.

"Hygiene of public catering enterprises" by V.P.Prokof'ev. Reviewed
by IU.I.Plotnikova. Vop.pit. 16 no.5:91-93 S-0 '57. (MIRA 11:3)
(RESTAURANTS, LUNCHROOMS, ETC.--SANITATION)
(PROKOF'EV, V.P.)

SHTENBERG, A.I.; PLOTNIKOVA, Yu.I.

Influence of qualitatively differing nutrition on the thyroid gland under conditions of an excessive iodine supply in the body. Vop.pit. 19 no.1:28-35 Ja-F '60. (MIRA 13:5)

1. Iz kafedry gigiyeny pitaniya (sav. - prof. A.I. Shtenberg) Sverdlovskogo gosudarstvennogo meditsinskogo instituta.

(THYROID GLAND physiology)
(IODINE metabolism)
(DIET experimental)

SHEINBERG, A.I.; PLOTNIKOVA, Yu.I. (Sverdlovsk)

On the discussion of further development and improvement of public
catering. Vest.khir. 77 no.11:43-45 N '56. (MLRA 10:1)
(RESTAURANTS,
eating places for workers & students in Russia)

ПЛОТНИКОВА Ю. И.

PLOTNIKOVA, Yu.I.

Hygienic standards in a grocery store. IU. S. Mart'ianov. Reviewed
by IU. I. Plotnikova. Vop.pit. 14 no.5:60-61 S-O '55 (MLRA 8:11)
(FOOD HANDLING) (MART'IANOV, Iu.S.)

17

CA

L-Sorbosa. I. T. Strukov and V. P. Plotnikova.
 U.S.S.R. 67,365, Dec. 31, 1946. Sorbite is converted to
 L-sorbose by deep fermentation with *Acetobacter subori-*
dans. Activated C is added to the reaction mixt. to pre-
 vent foaming and insure a normal course of the oxidation
 process. M. Hosh

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

ESOMI NOMINITY

1ST AND 2ND LETTERS

3RD AND 4TH LETTERS

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CA

12.

Chemical composition of milk from cows of the Sverdlovsk region. Yu. I. Plotnikova (Sverdlovsk Med. Inst.). *Gigiena i Sanit.* 1950, No. 6, 50-1. -Av. values ranged as follows: fat 2.8-4.0%, ash 0.07-0.77%, CaO 170-195 mg. %, MgO 12.1-26.0 mg. %, P 49-90 mg. %, and Cl 111-149 mg. %. The Taghil strain of cows milked in January gave av. fat content of 3.41%, owing to large vol. yield (up to and beyond 20 l. daily in some cases). Mixed-breed animals averaged 4.56% fat and gave high values of CaO, MgO, P, and Cl. G. M. Kosolapov

SHTENBERG, A.I. (Sverdlovsk); PLOTNIKOVA, Yu.I. (Sverdlovsk)

Influence of quantitatively different food rations on the
reversibility of changes in the thyroid gland of animals
with experimental goiter. Vop. pit. 20 no.6:49-54 N-D '61.
(MIRA 15:6)

1. Iz kafedry gigiyeny pitaniya Sverdlovskogo meditsinskogo
instituta.

(GOITER)

(DIET)

SHTENBERG, Abram Il'ich; PLOTNIKOVA, Yuliya Il'inichna; MUKHORINA,
Klavdiya Vasil'yevna; Primalni uchastiye: GEYMBERG, V.G.;
NEFED'YEVA, N.P.; NOVIKOV, Yu.V.; NATANSON, A.O., red.;
BUL'DYAYEV, N.A., tekhn. red.

[Guide to practical work in nutritional hygiene] Rukovodstvo k
prakticheskim zaniatiyam po gigiene pitaniia. Moskva, Medgiz,
1961. 358 p. (MIRA 15:7)

(NUTRITION)

PLOTNIKOVA, Yu. I. (Sverdlovsk)

Experimental data on the effect of animal protein in food on the development of goiter. Probl. endok. i gorm. 5 no. 4:34-41 J1-Ag '59. (MIRA 13:2)

1. Iz kafedry gigiyeny pitaniya (zaveduyushchiy - prof. A. I. Shtenberg) Sverdlovskogo gosudarstvennogo meditsinskogo instituta (direktor - prof. A. F. Zverev).
(PROTEINS nutrition & diet)
(GOITER exper.)

PLOTNIKOVA, Yu.I.

"Principles of effective nutrition" by A.I.Shtenberg. Reviewed
by IU.I.Plotnikova. Gig.i san. 25 no.11:103-104 N '60.
(MIRA 14:1)

(NUTRITION)

(SHTENBERG, A.I.)

PLOTNIKOVA, Yu.I.

Experimental data on the effect of nutritional vegetable proteins
on the development of goiter. Probl. endok. i gorm. 6 no. 4:46-
54 J1-Ag '60. (MIRA 14:1)
(PROTEINS) (GOITER)

SUKHORUKOV, K.T.; PLOTNIKOVA, Yu.M.

Ectodesmata in plants injured by phytopathogenic fungi. Dokl.
AN SSSR 152 no.3:758-760 S '63. (MIRA 16:12)

1. Glavnyy botanicheskiy sad AN SSSR. Predstavleno akademikom
A.L.Kursanovym.

TALIYEVA, M. N.; PLOTNIKOVA, Yu. M.

Role of pectolytic enzymes secreted by fungi in plant pathogenesis. Biul. Glav. bot. sada no.47:53-62 '62.
(MIRA 16:1)

1. Glavnyy botanicheskiy sad AN SSSR.

(Pectinase) (Fungi, Phytopathogenetic)

SUKHORUKOV, K.T.; PLOTNIKOVA, Yu.M. (Moskva)

Structure and functions of plasmodesmas and ectodesmas. Usp.
sovr. biol. 60 no.2:299-315 S-O '65. (MIRA 18:10)

1. Glavnyy botanicheskiy sad AN SSSR.

SUKHORUKOV, K.T.; PLOTNIKOVA, Yu.M.

On the physiology of ectodesmata. Dokl. AN SSSR 147
no.2:490-492 N '62. (MIRA 15:11)

1. Glavnyy botanicheskiy sad AN SSSR. Predstavleno
akademkom N.V. TSitsinym.
(Plant cells and tissues)

PLOTNIKOVA, Yu.M.

Methods of studying ectodesmata. Biul.Glav.bot.sada
no.58:73-78 '65.

(MIRA 18:12)

1. Glavnyy botanicheskiy sad AN SSSR.

PROTSAY, F.I., inzh.; PLOTNIKOVA, Yu.N., inzh.

Economic efficiency of hydraulic coal mining. Izv. vys.
ucheb. zav.; gor. zhur. no.8:97-103 '61. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-
konstruktorskiy institut dobychi uglia gidravlicheskim
sposobom. Rekomendovana institutom.
(Donets Basin--Hydraulic mining--Costs)
(Kuznetsk Basin--Hydraulic mining--Costs)

DAVIDOVSKAYA, F.G.; PLOTNIKOVA, Z.V.

Removal of a teratoma in a five-day-old child. Vop. okh. mat. i det. 3 no.1:
86-87 Ja-F '59. (MIRA 12:2)

1. Iz rodit'nogo i khirurgicheskogo otdeleniy (klinicheskikh baz Rostovskogo meditsinskogo instituta) gorodskoy bol'nitsy No.1 (glavnyy vrach - A. V. Goreshtnyak) (nauchnyye rukovoditeli - zav. kafedroy akusherstva i ginekologii prof. P. Ya. Lel'chuk i zav. kafedroy obshchey khirurgii dots. P.P. Kovalenko).

(CHILDREN--SURGERY) (SACROCOCCYGEAL REGION--TUMORS)

BORODINA, N.A.; PLOTNIKOVA-VARTAZAROVA, L.S.; PETROVA, I.P.; CHEREMUSHKINA, E.I.;
SHCHERBATSEVICH, V.D.

Special aspects of the wintering of plants in the arboretum of the Main
Botanica Garden in 1960-1961. Biul. Glav. bot. sada no.51:12-23 '63.
(MIRA 17:2)

1. Glavnyy botanicheskiy sad AN SSSR.

FLOTNITSKAYA, A.M.

"Vitamin B2 (Riboflavin) in Skin Diseases," Vest.

Venerol. i Dermatol., No. 2, 1948 Biochem, Dept.,

Leningrad Dermato-Venereological Inst., Mbr Chair

Biochemistry, Naval Med. Acad., -c1948-.

Plotnitskiy

POLAND/Cultivated Plants - Fruits. Berries.

Abs Jour : Ref Zhur - Biologiya, No 16, 25 Aug 1957, 69343

L-6

Author : Plotnitskiy

Inst :

Title : Orchard Irrigation.

Orig Pub : Przegl. ogrodn., 1956, 33, No 8, 7-9

Abstract : Since the yield of irrigated orchards is 2 to 3 times higher than the yield of non-irrigated ones, the humidifying of new and old orchards is recommended. Different methods of irrigation were studied: watering of areas, watering of furrows, and by artificial rainfall. Irrigation by artificial rainfall is recommended. Different methods of artificial rainfall are described. When arranging artificial rainfall presents difficulties, it is advisable to water by furrows, which secures and even dispersal of water. A three-step irrigation is recommended: in the period of commencement of young shoots and root growth, after flowering, and for 20 to 25 days after fruit formation.

Card 1/1

Determination of small concentrations of titanium, silicon, and aluminum in steels. Zav.lab. 28 no.5:558-560 '62. (MIRA 15:6)

1. Institut metallokeramiki i spetsial'nykh splavov AN USSR.
(Steel--Spectra) (Metals--Spectra)

BREZHNEVA, N.Ye.; LEVIN, V.I.; KORPUSOV, G.V.; MAN'KO, N.M.; PLOTNOV,
G.F.

Isolation of radioactive carrier-free cerium from a mixture
of fission products. *Raidokhimiia* 6 no. 1:66-72 '64.
(MIRA 17:6)

PLOTNYAGINA, V. I.

Cand Med Sci - (diss) "Functional state of the higher sections of the central nervous system in patients in the residual period of poliomyelitis." Saratov, 1961. 11 pp; (Ministry of Public Health RSFSR, Saratov State Med Inst); 180 copies; price not given; (KL, 7-61 sup, 261)

PLOTSKIY, I.G.; BENIYEVA, T.Ya.

Effect of sonic and ultrasonic frequency vibrations on the process
of metal crystallization. Sbor. nauch. rab. Inst. metallofiz. AN
URSR no.8:163-169 '57. (MIRA 11:5)
(Solidification--Testing) (Ultrasonic waves)

BUSLOV, I.; PLOTSKIY, L., starshiy master.

Students' training on collective farms. Prof.-tekh. obr. 15 no.6:
3-5 Je '58. (MIRA 11:6)

1. Zamestitel' direktora uchilizhscha mekhanizatsii sel'skogo
khozyaystva No.34, Gomel'skaya oblast' (for Buslov).
(Field work (Educational method))

PICTUSOV, YE. S. (Leningrad)

"experimental methods of measuring specific heat and heat conductivity of metals and nonmetallic materials and described the considerable advantages of pulse methods and also of the photographic method of temperature measurement."

Report presented at the Seminar on the Problems of research on thermophysical properties of substances at high temperatures, Novosibirsk, 9-10 April 1963.

PLOTUSHCHIKHIN, K.Ye.; BOGOSLOVSKIY, A.A.

Annual meeting of the Central Institute of Balneology and
Physiotherapy. Vop.kur., fizioter.i lech.fiz.kul't. 27 no.2:183-
186 Mr-Ap '62. (MIRA 15:11)

(HEALTH RESORTS, WATERING PLACES, ETC.)
(THERAPEUTICS, PHYSIOLOGICAL)

SOV/137-58-8-16697

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 66 (USSR)

AUTHORS: Smirnov, B.A., Plotvin, M.M.

TITLE: Cleaning Industrial Gases in Bag-type Filters at the Ust'-Kamenogorsk Lead-and-zinc Kombinat (Ochistka tekhnologicheskikh gazov v rukavnykh fil'trakh na Ust'-Kamenogorskom svintsovo-tsinkovom kombinat)

PERIODICAL: Sb. materialov po pyleulavlivaniyu v tsvetn. metallurgii. Moscow, Metallurgizdat, 1957, pp 273-280

ABSTRACT: The gases of sintering machines, shaft furnaces, converters, and slag-distilling furnaces of the lead plant at the Ust'-Kamenogorsk Lead-and-zinc Kombinat are cleansed of dust in 30 paired 10-compartment bag-type filters (BF), models RFG-2 and RFG-5. The entire system operates in vacuum. Data are adduced on the method of cooling the gases ahead of the SF. Structural shortcomings of the SF are noted. The life of the filter fabric is 7-8 months. Monitoring of the condition of the fabric in the SF is performed monthly by brass probes. Data are presented on the dust contents of the gases at the BF inlets and outlets. The efficiency of the BF from

Card 1/2

SOV/137-58-8-16697

Cleaning Industrial Gases in Bag-type Filters (cont.)

January to September 1955 was 91.0-95.6%. The exit dust content of the gases is monitored round the clock by semi-automatic Gintsvetmet units. The basic shortcomings of the gas-cleaning arrangement are presented. Capacity is inadequate for the given large RFG model BF, the number of electric motors and reduction gear assemblies is excessive, etc. Measures to improve the functioning of the BF are listed.

G.G.

1. Gases—Impurities
2. Gases—Cleaning
3. Particulate filters—performance

Card 2/2

PLOUZEK, Vladimir

The BA O2 automatic apparatus for packaging in flat bags.
Prum potravin 15 no.9:442-444 5 '64.

1. Zavody Vitezneho unora National Enterprise, Research
Institute, Prague.

PLOUZEK, Vladimir

Packaging of pastry products. Prum potravin 14 no.7:351-352
Jl '63.

1. Zavody potravinarskych a chladicich stroju, n.p., Pardubice,
Vyzkumny ustav Praha.

PLOVINKINA, YU. I.,

Plovinkina, Yu. I., Polevaya, N. I., Murina, G. A. - Geologic and Absolute Age of Granitoids of the Ukraine.

The Sixth Session of the Committee for Determining the Absolute Age of Geologic Formations at the Department of Geologic-Geographical Sciences (OGGN) of the USSR Academy of Sciences at Sverdlovsk in May 1957.

Izv. Ak Nauk SSSR, Ser. Geol., No. 1, 1958, p. 115-117 author Pekarshaya, T. B.